

## **Amendments to the Specification:**

[0043] In another embodiment, the abstract representation 14 of test cases 12 is enriched with information from an application metadata repository 54. The abstract representation 14 of test cases 12 can be enriched by extracting values for those attributes 26 of application objects 24 associated with the test cases 12 that are missing in the incoming test scripts. The enrichment of test cases 12 can decouple test cases 12 and their recording or authoring environments, and the like, and allow usage of attributes 26 that are stable within an application metadata representation 54. For example, an identification field 56 within the application metadata repository 54 can be utilized to identify a given object 24 instead of a language dependent display label. This improves the reusability of the test case 12. Because different test execution environments can use different attributes 26 to identify the same application object 24, such decoupling provides platform independence.

[0046] Logic 122 is provided to implement semantic analysis and convert AST 120 to an abstract test case representation based on an Application Object Model (AOM). Logic 124 enriches the abstract test case representation with information from an application metadata repository. Logic ~~126~~ 124 separates application object attributes and input data from external interaction sequencing to provide automatic parameterization.